

Notice of Allowability

Application No.

10/789,121

Examiner

Kevin D. Williams

Applicant(s)

BLANEY ET AL.

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the telephone conversation of 6/7/2006.
2. ☒ The allowed claim(s) is/are 1 and 3-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Gehris on 6/7/2006.

2. The application has been amended as follows:

- Claim 21 has been canceled.
- In claim 1, line 4, after "press" --, the surface facilitating a printing operation-- has been inserted.
- In claim 1, line 8, after "chamber" --, the entrained liquid-gas mixture exiting through said exit orifice and contacting the surface of the printing press-- has been inserted.
- In claim 16, after line 4, the following new lines have been inserted:
--providing an exit orifice disposed at a distance from the surface of the printing press, the surface facilitating a printing operation;
providing an internal passage communicating with the liquid inlet orifice, the gas inlet orifice and the exit orifice, the internal passage including a mixing chamber for entraining the gas in the liquid, the mixing chamber being defined by an enlarged region

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of the internal passage, the internal passage being narrower than the enlarged region downstream from the mixing chamber;--

- In claim 16, line 5, after "liquid", first occurrence, --in the mixing chamber-- has been inserted.

- In claim 16, line 7, after "gas" --through the exit orifice and-- has been inserted.

3. The following is an examiner's statement of reasons for allowance:

The primary reason for the allowance of claim 1 is the limitation of an internal passage communicating with the liquid inlet orifice, the gas inlet orifice and the exit orifice, the internal passage including a mixing chamber for entraining the gas in the liquid, the mixing chamber being defined by an enlarged region of the internal passage, the internal passage being narrower than the enlarged region downstream from the mixing chamber, and said entrained liquid-gas mixture contacting the surface of the printing press, in combination with the other claimed language.

The primary reason for the allowance of claim 16 is the limitation of providing an internal passage communicating with the liquid inlet orifice, the gas inlet orifice and the exit orifice, the internal passage including a mixing chamber for entraining the gas in the liquid, the mixing chamber being defined by an enlarged region of the internal passage, the internal passage being narrower than the enlarged region downstream from the mixing chamber, entraining the gas in the liquid in the mixing chamber, and spraying the

mixture onto the surface of the printing press, in combination with the other claimed language.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin D. Williams whose telephone number is (571) 272-2172. The examiner can normally be reached on Monday - Friday, 8:30am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew H. Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

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USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KDW
June 7, 2006

A handwritten signature in black ink, appearing to read "Daniel J. Colilla". The signature is fluid and cursive, with a large initial "D" and "C".

Daniel J. Colilla
Primary Examiner
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